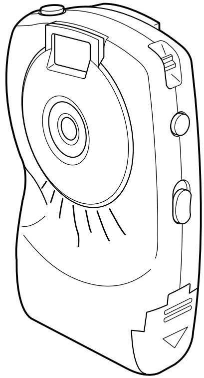
KONICA
DIGITAL CAMERA
e-mini

Instruction Manual



FCC Statement:
Declaration of Conformity
Trade name: Konica
Model: e-mini
Responsible party: KONICA PHOTO IMAGING, INC.
Address: 725 Darlington Avenue Mahwar, NJ 07430, U.S.A.
Telephone number: 201-574-4000

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

• Shielded cables must be used for this equipment to comply with the relevant FCC regulation.
• The user is cautioned that changes and modifications made to the equipment without approval of the manufacturer could void the user's authority to operate this equipment.

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

CANADA ONLY

Industry Canada’s Compliance Statement:
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Contents

English

- Windows 98, Windows 98SE, and Windows ME are registered trademarks of Microsoft Corporation in the United States and other countries.
- Apple, Macintosh, and MacOS are registered trademarks or trademarks of Apple Computer, Inc. in the United States and other countries.
- PhotoSuite is a registered trademark of MGI Software Corporation.
- Other product and brand names are registered trademarks or trademarks of their respective owners.

1. Safety Tips

This product is a camera for taking pictures and should not be used for purposes other than photography. While meticulous care has been taken to ensure the safety of the product, please read the warnings and cautions in this manual completely, such as those relating to batteries, to assure proper handling.
The following symbols are used to advise how the product should be used without the risk of physical damage to the user or to the product.

● Warning Symbols and What They Mean

⚠ WARNING

Failure to use the product properly could result in fatal harm to the user.

⚠ CAUTION

Failure to use the product properly could result in minor or moderate harm to the user or in property damage.

● Precautions

⚠ WARNING

- Do not disassemble, modify, or repair the product.
- Do not disassemble, short, heat, or incinerate the batteries.

⚠ CAUTION

- Do not splash the product with water or moisten it.
- Do not leave the product in places that are:
  Exposed to intense sunlight or otherwise heated as in an automobile
  Easily accessible to babies and children
  Excessively damp, or dusty, or subject to vibration
- Observe the correct polarity when loading batteries.
- Do not use rechargeable batteries (such as NiCd and nickel hydrogen batteries).
- Use Size AAA alkaline dry-cell batteries only.
- Never use batteries of any other kind.

If the batteries should leak

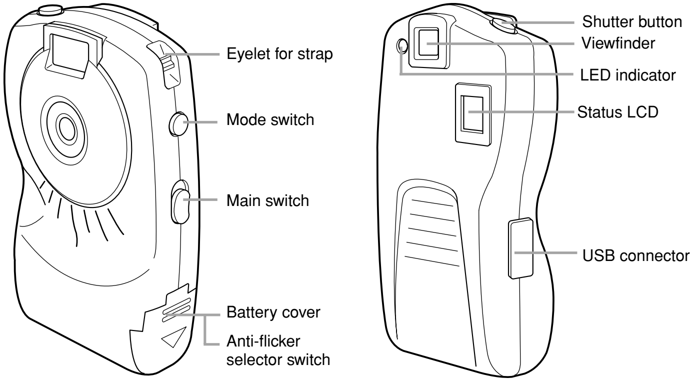
In the event of the leak coming into contact with the hands or clothes, flush under running water immediately. In the event of eye contact, flush immediately under running water and seek medical advice.

2. Parts Identification

Check that the product comes complete with the following components:

- Camera × 1
- Strap × 1
- CD-ROM disc × 1
- USB cable × 1
- Instruction manual (warranty card) × 1
- Konica card × 1

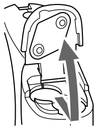
Parts Identification



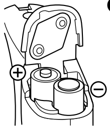
3. Loading Batteries

Note: If recorded images remain in the camera, save them to your computer before changing the batteries.

❶ Slide the battery cover on the side of the unit towards OPEN.



❷ Insert two Size AAA dry-cell batteries (sold separately) observing the correct polarity.



❸ Close the battery cover.

Battery Exhaustion

The status LCD will begin to blink when the batteries are almost exhausted. When the status LCD starts blinking, save recorded image files from the camera to the computer promptly and replace the batteries.

After the status LCD begins to blink, images will be retained for 3 days or less, depending on the type of batteries used.

Anti-flicker setting

Your camera needs to be set to the frequency of the local power supply to avoid problems when taking pictures under fluorescent lighting. If you do not know which setting is correct for your country, consult your dealer.

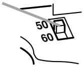
Ex.) France, Germany, U.K. ..... 50 kHz U.S.A. .... 60 kHz

Note: If recorded images remain in the camera, save them to your computer before changing the camera setting.

❶ Open the battery cover.

❷ Set the anti-flicker selector switch.

* The camera is shipped with the anti-flicker selector switch set to 50 kHz. If it is not necessary to change this, simply close the battery cover.



An incorrect flicker setting would result in barred or blurred images.

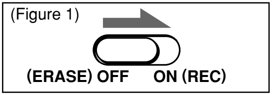
Important – Please Read Before You Begin

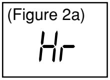
- Setting the main switch to OFF clears all stored images.
  Save any stored image files to your computer before moving the switch to the OFF position.
- If the camera is left idle for about 30 seconds with the main switch set to ON, a beep tone is sounded and automatically enters sleep mode. (Any recorded image files are retained.)
  * The status LCD remains off while the camera stays in sleep mode.
- Press the mode switch once to end sleep mode and return to normal operation.
- The unit will last for about 1 week in sleep mode.
  Note: The batteries will last for about 1 week in sleep mode, or less if they have been partly used. Whenever you take pictures, it is advisable to save them to your computer promptly.
- All recorded image files will also be lost when you replace the batteries. Save them to your computer before changing the batteries.

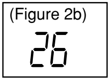
4. Taking Pictures

❶ Set the main switch on the side of the camera to ON (REC) (Figure 1).
The status LCD on the back of the camera will display the mode, which appears initially as "Hr" (Figure 2a). A few seconds later, the display will change to show the number of the pictures that can be taken (Figure 2b).

❷ Arrange your picture in the viewfinder and press the shutter button.
The camera will take a picture with a beep tone. You can continue taking pictures until the status LCD shows "00."







English

5. Selecting Modes

Use the mode switch on the side of the camera to select the required shooting mode or operation. As you press the mode switch, the camera cycles through the following setting:

Hr → Ct → St → CL → Lr / Hr

● Normal shooting mode

Hr	High-resolution mode	VGA (640 x 480 pixels)	26 images
Lr	Low-resolution mode	QVGA (320 x 240 pixels)	99 images

Modes can be changed by pressing the shutter button while "Hr" or "Lr" is displayed.

● Continuous shooting mode (movie)

Ct Lets you take pictures continuously to play as movies using AVI Creator in Windows or QuickTimePlayer in Macintosh.
After selecting a normal shooting mode, press the mode switch once to see "Ct" on the status LCD. While "Ct" is displayed, hold the shutter button down to take continuous pictures. (For instructions on how to play movies, see page 11.)

● Self-timer mode

St Takes a picture after a delay of approximately 10 seconds.
After selecting a normal shooting mode, press the mode switch twice to see "St" on the status LCD. Press the shutter button while "St" is displayed to start the delay timer.

● Clear mode

CL Clears all recorded image files.
After selecting a normal shooting mode, press the mode switch three times to see "CL" on the status LCD. Press the shutter button while "CL" is displayed, and the status LCD will begin blinking. Press the shutter button once again while the status LCD is blinking to clear all recorded image files.

6. Installing Software

Note: Check that the operating environment of your computer meets the following requirements.

[Operating environment]

	Windows	Macintosh
OS	Windows 98/98SE/ME	MacOS 8.6/9.0 (QuickTime 3.0 or later)
Memory	32 MB or more	32 MB or more
Hard disk space	200 MB or more	200 MB or more
Interface	USB	USB
Display	32,000 colors or more, 640 × 480 pixels or more	32,000 colors or more, 640 x 480 pixels or more
Others	CD-ROM drive	CD-ROM drive

● Windows

Install MGI PhotoSuite

❶ Turn on the computer and insert the CD-ROM disc.

❷ Double-click [My Computer] and then the CD-ROM icon in the window that opens subsequently.



❸ Double-click the [PhotoSuite] folder.



❹ Double-click the [Setup.exe] icon.



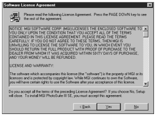
❺ Choose [English] and click [OK].



❻ Click [Next].



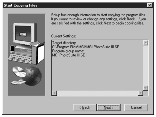
❼ Click [Yes].



❽ Choose [Full] and click [Next].



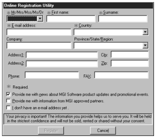
❾ Click [Next].
The installer starts.



❿ Click [Continue].



⓫ Click [Cancel].



⓬ Click [Finish].



⓭ Click [Finish].



Install e-mini driver

Note: The installation of the e-mini driver is required.

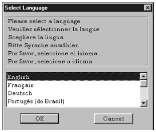
❶ Double-click the CD-ROM icon and then the [Konica] folder in the window that opens subsequently.



❷ Double-click the [e-mini.exe] icon.



❸ Choose [English] and click [OK].

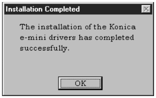


❹ Click [OK].
The installer starts.

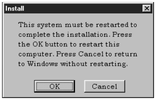


English

❺ Click [OK].



❻ Click [OK] to restart the computer.



Install AVI Creator

❶ Double-click the CD-ROM icon and then the [AVI Creator] folder in the window that opens subsequently.



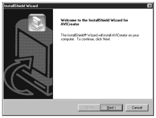
❷ Double-click the [Setup.exe] icon.



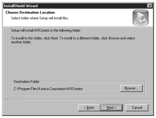
❸ Choose [English] and click [OK].



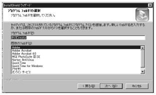
❹ Click [Next].



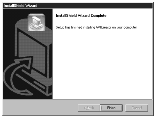
❺ Click [Next].



❻ Click [Next].
The installer starts.



❼ Click [Finish].



● Macintosh

Install MGI PhotoSuite

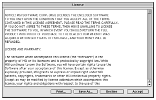
❶ Turn on the computer and insert the CD-ROM disc.

❷ Double-click the CD-ROM icon.

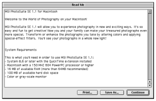
❸ Double-click [English].



❹ Click [Accept].



❺ Click [Continue].



❻ Click [Install].
The installer starts.



❼ Click [Quit].



Install e-mini driver

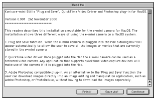
Note: The installation of the e-mini driver is required.

❶ Double-click the CD-ROM icon.

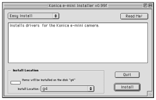
❷ Double-click [Konica e-mini Installer v0.99f].



❸ Click [Continue].



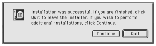
❹ Click [Install].



❺ Click [OK].
The installer starts.



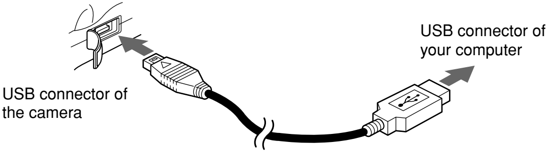
❻ Click [Quit].



7. Connecting to a Computer

❶ Open the USB connector cover.

❷ Attach the accessory USB connector to the USB connector of the camera and that of your computer.



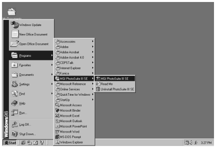
8. Working with the Computer

View images

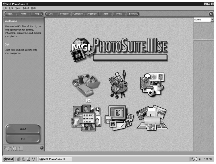
● Windows

❶ Click [Start] in the lower left of the screen.

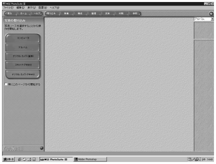
❷ Point to [Programs] and choose [MGI PhotoSuite III SE].



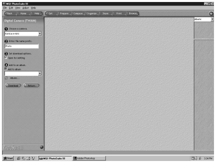
❸ Click [Get].



❹ Choose [Digital Camera (TWAIN)] from the menu in the pane on the left.

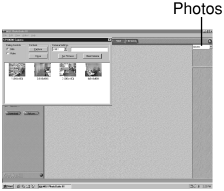


❺ Choose [Konica e-mini] from [① Choose a camera.] and click [Download].



The image files that have been recorded will be displayed.

❻ Click an image file of your choosing and click [Capture].
Close the "Konica e-mini" dialog box and choose [Photos] in the upper right menu.
The image file opens.



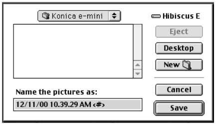
Note: Choose Video in the upper left corner of the screen to clear all recorded image files and enable a PC camera.

● Macintosh

❶ Connect the e-mini unit and your computer with the USB cable.

❷ Click [Save] after choosing [Konica e-mini] as the destination.

Recorded image files will be downloaded to your computer automatically.



❸ Double-click an image file of your choosing in [Konica e-mini] on the hard disk.

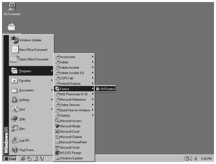
The image file opens.

Enjoying Watching Movies

● Windows

❶ Click [Start] in the lower left corner of the screen.

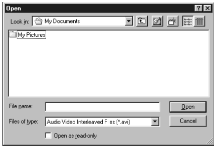
❷ Point to [Programs] and choose [AVI Creator].



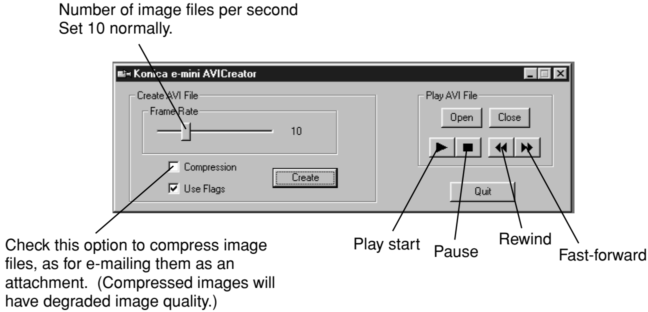
❸ Click [Create].



❹ Enter a file name and click [Open].

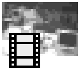


English



● Macintosh

Image files that have been recorded in continuous shooting mode (movie) are marked by a movie icon like that shown below.



❶ Double-click a file marked with the movie icon.

QuickTimePlayer launches.



❷ Click Play in the middle at the bottom of the QuickTimePlayer panel.

The image file starts playing as a movie.



9. Troubleshooting

Q1 The status LCD is blinking.
A1 The batteries are exhausted. Save recorded image files from the camera to the computer promptly and replace the batteries. (See page 3.)

Q2 Recorded images appear barred or blurred.
A2 The camera may not be set for the local frequency. Change the anti-flicker selector switch under the battery cover. (See page 4.)

Q3 Recorded images cannot be transferred to the computer successfully.
A3 Use the USB cable supplied as an accessory.

Q4 The shutter button was pressed, but the camera did not shoot, only giving a beep tone.
A4 The camera can shoot only brightly illuminated subjects. Shoot in a bright place. (The camera may not be able to shoot too bright a subject either.)

Q5 Pictures taken indoors appear to have an unnatural color tone.
A5 The image quality has been influenced by the type of illumination. Pictures taken under a fluorescent light would appear greenish; those taken under an incandescent light would appear reddish.

Q6 The LCD remains off when the main switch is ON.
A6 The camera is in sleep mode. Press the mode switch once to end sleep mode and return to normal operation. (See page 4.)

Q7 The subject in a picture taken appears off-center.
A7 The way a recorded image appears depends on the angle at which you view it through the viewfinder. Try to look from just behind the viewfinder.

10. Specifications

Image sensor	CMOS sensor
Number of pixels	300,000 pixels
Resolution	High-resolution mode: 640 x 480 pixels (VGA) Low-resolution mode: 320 x 240 pixels (QVGA)
Image storage	High-resolution mode: 26 (VGA) Low-resolution mode: 99 (QVGA)
Movie duration	About 10 seconds (*1)
Memory	8 MB SDRAM
Lens	F2.8
Finder	Optical viewfinder
Shooting range	40 cm to infinity
Frequency setting	50 kHz or 60 kHz, switched
PC interface	USB
Batteries	Two Size AAA alkaline dry-cell batteries
Battery life (*2)	About 1 week
Size (W × H × D)	60 × 94 × 23 mm (excluding projections)
Weight	About 60 g (excluding batteries)
Supported OSs	Windows 98/98SE/ME MacOS 8.6/9.0
Operating temperature	5 to 40°C

Specifications are subject to change without notice.

*1 At 10 frames per second in low-resolution mode.

*2 Taking 26 pictures per day at room temperature, leaving the camera in sleep mode when out of use.